

# 9827/9927 Surface mounted vertical rod device



**9827/9927 Surface mounted vertical rod device** for all types of single or double doors, UL listed for panic exit hardware. Devices are ANSI A156.3 – 2008 Grade 1. Covers stock hollow metal doors with 86 or 161 cutouts. The 9827 device has a smooth mechanism case and the 9927 device has a grooved case. The surface vertical rod device is non-handed except when the following device options are used: SD (special dogging), or SS (signal switch). See opposite page for available outside trim and functions. Vertical rod and latch guards are available to protect the bottom rod of the exit device from damage by impacts of carts or gurneys passing through doors.

**Finishes** – US3, US3A, US4, US4A, US10, US26, US26D, US26D-AM Antimicrobial, US28, 313, 315 & 643E. US15 and US32D available with 98 Series only.

## Specifications

Device functions	Device ships EO/DT/NL. Field selectable. For TP, K or L remove NL drive screw from device.	
Device lengths	2' 2" (610 mm)	Door size (shipped less UL label)
	3' 2'4" to 3' (711mm to 914 mm)	Door size
	4' 2'10" to 4' (864 mm to 1219 mm)	Door size
Device centerline from finished floor	39 <sup>5</sup> / <sub>8</sub> " (1006 mm)	
Center case dimensions	8" x 2 <sup>3</sup> / <sub>4</sub> " x 2 <sup>3</sup> / <sub>8</sub> " (203mm x 70mm x 60mm)	
Mechanism case dimensions	2 <sup>1</sup> / <sub>4</sub> " x 2 <sup>1</sup> / <sub>4</sub> " (57mm x 57mm)	
Projection	Pushbar neutral – 3 <sup>13</sup> / <sub>16</sub> " (97 mm) Pushbar depressed – 3 <sup>1</sup> / <sub>16</sub> " (78 mm)	
Latch bolt	Deadlocking anti-friction top & bottom bolt, <sup>5</sup> / <sub>8</sub> " (16mm) throw	
Door undercut	1/4" (7mm) recommended	
Top & bottom Latch case	4 1/2" x 2 1/8" x 1 1/2" (114mm x 54mm x 38mm)	
Vertical rods	1/2" square tubing, standard rods accommodate 7' (2134mm) doors. Top rod length: 34 <sup>15</sup> / <sub>16</sub> " (887mm); Bottom rod length: 31 1/2" (794mm) Extension rods available in 1' (205mm) or 3' (914mm) for doors over 7'. One piece top rod is available for 8' (2438mm) and 10' (3048mm) doors.	
Fasteners & sex bolts (SNB)	Includes screw pack for 1 <sup>3</sup> / <sub>4</sub> " (44mm) to 2 1/4" (57mm) thick metal or wood doors, and 325 SNB for top and bottom latch. Optional 425 SNB available.	
Electric options	<b>LX</b>	Latchbolt monitor switch
	<b>RX</b>	Pushpad monitor switch
	<b>RX2</b>	Double pushpad monitor switch
	<b>EL</b>	Electric latch retraction
	<b>QEL</b>	Quiet electric latch retraction
	<b>SS</b>	Signal switch
	<b>CX</b>	Chexit delayed exit
	<b>ALK</b>	Alarm exit kit
	<b>PN</b>	Pneumatic latch retraction
	<b>LBR</b>	Less bottom rod
	<b>WP-RX</b>	Waterproof request to exit
	<b>CON</b>	Allegion Connect
Mechanical options	<b>GBK</b>	Glass bead kit
	<b>PL</b>	Pullman latch
	<b>WS</b>	Tornado and hurricane tested
	<b>SNB</b>	Sex bolts
	<b>SEC</b>	Security screws
Dogging feature	Hex key dogging standard	
Dogging option	<b>CD</b>	Cylinder dogging
	<b>SD</b>	Special center case dogging
	<b>LD</b>	Less dogging
	<b>DI</b>	Dogging indicator
	<b>CI</b>	Cylinder dogging indicator
Strikes	Top - <b>299</b> – Dull black, Bottom – <b>248L4 &amp; 304L</b> - Unfinished	



Hex key dogging comes standard on 9827/9927

**WS**  
**Windstorm**

- Severe weather certified/tested
- FEMA and ICC compliant
- Tornado & hurricane tested

**RX**  
**Pushpad monitor switch**

- Signals use of an opening
- SPDT switch to monitor pushpad

**QEL**  
**Quiet electric latch retraction**

- Bolt retraction via switch
- Converts exit door to push-pull operation

**CON**  
**Allegion Connectors**

- Common connectors to connect various door hardware all the way to the power supply

**EL**  
**Electric latch retraction**

- Enables remote unlatching
- Alternative to manual dogging

**ALK**  
**Alarm exit kit**

- Unauthorized opening triggers 85-decibel horn
- Set in armed or disarmed mode by key

**E (E996L)**  
**Electrified breakaway lever**

- Electrified remote locking/unlocking
- Standard in fail safe condition

**CX**  
**Chexit delayed exit**

- Meets NFPA 101 requirements
- Self-contained controls, locking, alarm

**PN**  
**Pneumatic latch retraction**

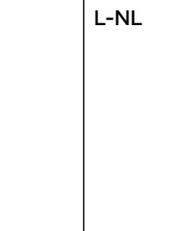
- For areas where electrical devices banned
- Special linkage for mechanical or pneumatic dogging

**SS**  
**Signal switch**

- Signals unauthorized use of an opening
- Switch makes latch bolt tamper-resistant

**Standard trim**

	EO  <b>No outside trim</b> Exit only	DT  <b>Dummy trim</b> Pull when dogged	NL  <b>Night latch</b> Key retracts latchbolt	NL-OP  <b>Night latch</b> Key retracts latchbolt optional pull required	TL  <b>Thumbturn</b> Key locks & unlocks (use with DT trim)	TL-BE  <b>Thumbturn</b> Blank escutcheon always operable (no cylinder) (use with DT trim)
<b>Product description</b>	9827EO 9927EO	9827DT 9927DT	9827NL 9927NL	9827NL-OP 9927NL-OP	9827TL 9927TL	9827TL-BE 9927TL-BE
<b>Trim description</b>	—	990DT	990NL-R/V	110NL-MD 110NL-WD	374T X 990DT	374T-BE X 990DT
<b>Escutcheon plate size</b>	—	3" x 14 <sup>13/16</sup> " x 3 <sup>3/32</sup> " (76x360x2mm)	3" x 14 <sup>13/16</sup> " x 3 <sup>3/32</sup> " (76x360x2mm)	—	1 <sup>11/16</sup> " x 7 <sup>1/2</sup> " x 7 <sup>7/8</sup> " (43x191x22mm)	1 <sup>11/16</sup> " x 7 <sup>1/2</sup> " x 7 <sup>7/8</sup> " (43x191x22mm)
<b>Pull center to center</b>	—	5 <sup>1/2</sup> " (140mm)	5 <sup>1/2</sup> " (140mm)	—	—	—
<b>Projection</b>	—	2" (51mm)	2" (51mm)	—	3 <sup>1/4</sup> " (83mm)	3 <sup>1/4</sup> " (83mm)
<b>ANSI function</b>	01	02	03	03	11 or 12	16
<b>Cylinder type</b>	—	—	Rim	Rim	1 <sup>1/4</sup> " Mortise	—
<b>Handing</b>	—	—	—	—	—	—
<b>Optional trim</b>	x990EO x996EO	x996K-DT x996L-DT x696DT x697DT	x996K-NL x996L-NL x696NL x697NL			
<b>Optional #425 SNB quantity for device</b>	6	2	2	6	2	2

	L  <b>Lever</b> Key locks & unlocks	L-NL  <b>Lever – night latch</b> Key retracts latchbolt	L-BE  <b>Lever – blank escutcheon</b> Always operable (no cylinder)	L-DT  <b>Lever dummy trim</b> pull when dogged
<b>Product description</b>	9827L 9927L	9827L-NL 9927L-NL	9827L-BE 9927L-BE	9827L-DT 9927L-DT
<b>Trim description</b>	996L-R/V*	996L-NL-R/V	996L-BE-R/V*	996L-DT
<b>Escutcheon plate size</b>	2 <sup>3/4</sup> " x 10 <sup>3/4</sup> " x 2 <sup>7/32</sup> " (70x273x21mm)	2 <sup>3/4</sup> " x 10 <sup>3/4</sup> " x 2 <sup>7/32</sup> " (70x273x21mm)	2 <sup>3/4</sup> " x 10 <sup>3/4</sup> " x 2 <sup>7/32</sup> " (70x273x21mm)	2 <sup>3/4</sup> " x 10 <sup>3/4</sup> " x 2 <sup>7/32</sup> " (70x273x21mm)
<b>Pull center to center</b>	—	—	—	—
<b>Projection</b>	2 <sup>7/8</sup> " (73mm)	2 <sup>7/8</sup> " (73mm)	2 <sup>7/8</sup> " (73mm)	2 <sup>7/8</sup> " (73mm)
<b>ANSI function</b>	08	03	14	02
<b>Cylinder type</b>	Rim	Rim	—	—
<b>Handing</b>	Handed/Reversible	Handed/Reversible	Handed/Reversible	Handed/Reversible
<b>Optional #425 SNB quantity for device</b>	2	2	2	2

\* Electrified lever operation available

**Notes**

# 9827-F/9927-F Surface Mounted Vertical Rod Fire Device



**9827-F/9927-F Fire exit surface mounted vertical rod device** pairs of doors up to 8' x 10' (2438mm x 3048mm), UL listed for fire exit hardware. See page 68 for detailed information on UL listed fire exit hardware label and door opening size information. Devices are ANSI A156.3 – 2008 Grade 1. The 9827-F device has a smooth mechanism case and the 9927-F device has a grooved case. The surface vertical rod device is non-handed except when the following device options are used: SS (signal switch). See opposite page for available outside trim and device functions. Vertical rod and latch guards are available to protect the bottom rod of the exit device from damage by impacts of carts or gurneys passing through doors. Rod and latch guards can be used on hollow metal or tin clad composite fire doors.

**Finishes** – US3, US4, US10, US26, US26D, US28 & 313. US15 and US32D available with 98 Series only.

## Specifications

<b>Device functions</b>	Device ships EO/DT/NL. Field selectable. For TP, K or L remove NL drive screw from device.	
<b>Device lengths</b>	2'	2" (610 mm) Door size (shipped less UL label)
	3'	2'4" to 3' (711mm to 914 mm) Door size
	4'	2'10" to 4' (864 mm to 1219 mm) Door size
<b>Device centerline from finished floor</b>	39 <sup>5</sup> / <sub>8</sub> " (1006 mm)	
<b>Center case dimensions</b>	8" x 2 <sup>3</sup> / <sub>4</sub> " x 2 <sup>3</sup> / <sub>8</sub> " (203mm x 70mm x 60mm)	
<b>Mechanism case dimensions</b>	2 <sup>1</sup> / <sub>4</sub> " x 2 <sup>1</sup> / <sub>4</sub> " (57mm x 57mm)	
<b>Projection</b>	Pushbar neutral – 3 <sup>13</sup> / <sub>16</sub> " (97 mm) Pushbar depressed – 3 <sup>1</sup> / <sub>16</sub> " (78 mm)	
<b>Latch bolt</b>	Deadlocking anti-friction top & bottom bolt, <sup>5</sup> / <sub>8</sub> " (16mm) throw	
<b>Door undercut</b>	1/4" (7mm) recommended	
<b>Top &amp; bottom Latch case</b>	4 1/2" x 2 1/8" x 1 1/2" (114mm x 54mm x 38mm)	
<b>Vertical rods</b>	1/2" square tubing, standard rods accommodate 7' (2134mm) doors. Top rod length: 34 <sup>15</sup> / <sub>16</sub> " (887mm); Bottom rod length: 31 1/2" (794mm) Extension rods available in 1' (205mm) or 3' (914mm) for doors over 7'. One piece top rod is available for 8' (2438mm) and 10' (3048mm) doors.	
<b>Fasteners &amp; sex bolts (SNB)</b>	Includes screw pack for 1 3/4" (44mm) to 2 1/4" (57mm) thick metal or wood doors, and 325 SNB for top and bottom latch. Optional 425 SNB available.	
<b>Electric options</b>	<b>LX</b>	Latchbolt monitor switch
	<b>RX</b>	Pushpad monitor switch
	<b>RX2</b>	Double pushpad monitor switch
	<b>E</b>	Electric unlocking and locking trim
	<b>EL</b>	Electric latch retraction
	<b>QEL</b>	Quiet electric latch retraction
	<b>SS</b>	Signal switch
	<b>CX</b>	Chexit delayed exit
	<b>ALK</b>	Alarm exit kit
	<b>WP-RX</b>	Waterproof request to exit
	<b>CON</b>	Allegion Connect
<b>Mechanical options</b>	<b>GBK</b>	Glass bead kit
	<b>PN</b>	Pneumatic latch retraction
	<b>LBR</b>	Less bottom rod
	<b>PL</b>	Pullman latch
	<b>WS</b>	Tornado and hurricane tested
	<b>SNB</b>	Sex bolts
	<b>SEC</b>	Security screws
	<b>SLM</b>	Special laminate material blocking
<b>Dogging option</b>	No mechanical dogging. EL and QEL option available	
<b>Strikes</b>	Top – <b>299F</b> (499F LBR) Dull black, Bottom – <b>304L</b> - Unfinished	

**WS**  
**Windstorm**

- Severe weather certified/tested
- FEMA and ICC compliant
- Tornado & hurricane tested

**RX**  
**Pushpad monitor switch**

- Signals use of an opening
- SPDT switch to monitor pushpad

**QEL**  
**Quiet electric latch retraction**

- Bolt retraction via switch
- Converts exit door to push-pull operation

**ALK**  
**Alarm exit kit**

- Unauthorized opening triggers 85-decibel horn
- Set in armed or disarmed mode by key

**EL**  
**Electric latch retraction**

- Enables remote unlatching
- Alternative to manual dogging

**CX**  
**Chexit delayed exit**

- Meets NFPA 101 requirements
- Self-contained controls, locking, alarm

**E (E996L)**  
**Electrified breakaway lever**

- Electrified remote locking/unlocking
- Standard in fail safe condition

**LBR**  
**Less bottom rod**

- Available with UL Fire Label
- For pairs of vertical rod devices

**PN**  
**Pneumatic latch retraction**

- For areas where electrical devices banned
- Special linkage for mechanical or pneumatic dogging

**CON**  
**Allegion Connectors**

- Common connectors to connect various door hardware all the way to the power supply

**Standard trim**

	EO	DT 	NL 	NL-OP 	TL 	TL-BE 
	No outside trim Exit only	<b>Dummy trim</b> Pull when dogged (not recommended for fire device)	<b>Night latch</b> Key retracts latchbolt	<b>Night latch</b> Key retracts latchbolt optional pull required	<b>Thumbturn</b> Key locks & unlocks (use with DT trim)	<b>Thumbturn</b> Blank escutcheon always operable (no cylinder) (use with DT trim)
Product description	9827EO-F 9927EO-F	— —	9827NL-F 9927NL-F	9827NL-OP-F 9927NL-OP-F	9827TL-F 9927TL-F	9827TL-BE-F 9927TL-BE-F
Trim description	—	990DT	990NL-R/V	110NL-MD 110NL-WD	374T X 990DT	374T-BE X 990DT
Escutcheon plate size	—	3" x 14 <sup>13</sup> / <sub>16</sub> " x 3 <sup>3</sup> / <sub>32</sub> " (76x360x2mm)	3" x 14 <sup>13</sup> / <sub>16</sub> " x 3 <sup>3</sup> / <sub>32</sub> " (76x360x2mm)	—	1 <sup>11</sup> / <sub>16</sub> " x 7 <sup>1</sup> / <sub>2</sub> " x 7 <sup>7</sup> / <sub>8</sub> " (43x191x22mm)	1 <sup>11</sup> / <sub>16</sub> " x 7 <sup>1</sup> / <sub>2</sub> " x 7 <sup>7</sup> / <sub>8</sub> " (43x191x22mm)
Pull center to center	—	5 <sup>1</sup> / <sub>2</sub> " (140mm)	5 <sup>1</sup> / <sub>2</sub> " (140mm)	—	—	—
Projection	—	2" (51mm)	2" (51mm)	—	2" (51mm)	2" (51mm)
ANSI function	01	02	03	03	11 or 12	16
Cylinder type	—	—	Rim	Rim	1 <sup>1</sup> / <sub>4</sub> " Mortise	—
Handing	—	—	—	—	—	—
Optional trim	x990EO x996EO	x996K-DT x996L-DT x696DT x697DT	x996K-NL x996L-NL x696NL x697NL			
Optional #425 SNB quantity for device	6	2	2	6	2	2

	L 	L-NL 	L-BE 	L-DT 
	<b>Lever</b> Key locks & unlocks	<b>Lever – night latch</b> Key retracts latchbolt	<b>Lever – blank escutcheon</b> Always operable (no cylinder)	<b>Lever dummy trim</b> pull when dogged (not recommended for fire device)
Product description	9827L-F 9927L-F	9827L-NL-F 9927L-NL-F	9827L-BE-F 9927L-BE-F	— —
Trim description	996L-R/V*	996L-NL-R/V	996L-BE-R/V*	996L-DT
Escutcheon plate size	2 <sup>3</sup> / <sub>4</sub> " x 10 <sup>3</sup> / <sub>4</sub> " x 2 <sup>7</sup> / <sub>32</sub> " (70x273x21mm)	2 <sup>3</sup> / <sub>4</sub> " x 10 <sup>3</sup> / <sub>4</sub> " x 2 <sup>7</sup> / <sub>32</sub> " (70x273x21mm)	2 <sup>3</sup> / <sub>4</sub> " x 10 <sup>3</sup> / <sub>4</sub> " x 2 <sup>7</sup> / <sub>32</sub> " (70x273x21mm)	2 <sup>3</sup> / <sub>4</sub> " x 10 <sup>3</sup> / <sub>4</sub> " x 2 <sup>7</sup> / <sub>32</sub> " (70x273x21mm)
Pull center to center	—	—	—	—
Projection	2 <sup>7</sup> / <sub>8</sub> " (73mm)			
ANSI function	08	03	14	02
Cylinder type	Rim	Rim	—	—
Handing	Handed/Reversible	Handed/Reversible	Handed/Reversible	Handed/Reversible
Optional #425 SNB quantity for device	2	2	2	2

\* Electrified lever operation available

**Notes**